

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
CHI-1002

In Re Application Of: **IORDANOV, et al.**

Serial No.
09/823,103

Filing Date
3/30/2001

Examiner
Unknown

Group Art Unit
2123

Title: **A METHOD OF AND SYSTEM FOR PROVIDING METACOGNITIVE PROCESSING FOR SIMULATING COGNITIVE TASKS**



Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

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37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0462 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
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I certify that this document and fee is being deposited August 21, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Ken I. Yoshida

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Dated: August 21, 2001

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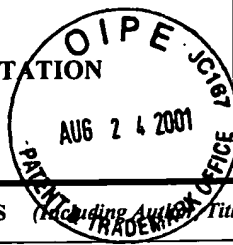
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) CHI-1002	Application Number 09/823,103
Applicant(s) Iordanov, et al.		Filing Date March 30, 2001	
Group Art Unit 2123			

*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AA	S. Baron, R. Muralidharan, R. Lancraft and G. Zacharias; 1980; PROCURU: A Model for Analyzing Crew Procedures in Approach to Landing; In Proceedings of the Eighth IFAC World Congress; pgs 1-157.		
AB	D. E. Broadbent; 1958; Perception and Communication; Applied Psychology Research Unit of the Medical Research Council, Cambridge; pgs 297-316.		
AC	J. Anderson and C. Lebiere; 1998; Perception and Action; The Atomic Components of Thought; pgs 167-200.		
AD	S. Card, T. Moran and A. Newell; 1983; An Applied Information-Processing Psychology; The Psychology of Human-Computer Interaction; pgs. 1-189.		
AE	A. Ceranowicz, P.E. Nielsen, F.V. Koss; 2000; Behavioral Representation In JSAF; Proceedings of the Ninth Conference on Computer Generated Forces; pgs. 501-512.		
AF	A. Ceranowicz; 1994; Modular Semi-Automated Forces; Proceedings of the 1994 Winter Simulation Conference; pgs. 755-761.		
AG	M. Chi, R. Glaser and M. Farr; 1988; Overview; The Nature of Expertise; pgs XV-XXXVI.		
AH	D. Clark; 1972; The MTM Systems of the world; American Institute of Industrial Engineers Annual Conference Proceedings; pgs 165-175.		
AI	S. Converse, J. Cannon-Bowers and E. Salas; 1991; Team Member Shared Mental Models: A Theory and Some Methodological Issues; Proceedings of the Human Factors Society 35th Annual Meeting; pgs 1417-1421.		
AJ	R. Dodge and T. S. Cline; 1901; The Angle of Velocity of Eye Movements; Psychology Review; pgs 145-157.		
AK	C. G. Drury; 1975; Application of Fitts' Law to Foot-Pedal Design; Human Factors; pgs 368-373.		
AL	P. C. Duncan, W. Rouse, J. Zenyuh and C. Volpe; 1993; Mental Models in Training for Complex Tactical Decision Making Tasks; Naval Training Systems Center Human, Systems Integration Division; pgs 1-69.		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EXAMINER</td> <td style="width: 50%;">DATE CONSIDERED</td> </tr> </table>		EXAMINER	DATE CONSIDERED
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AN	K. Anders Ericsson and J. Smith; 1991; Prospects and Limits of the Empirical Study of Expertise: An Introduction; Toward A General Theory of Expertise; Prospects and Limits; pgs 1-38.
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AP	F. Glenn; 1989; The Case for Micro-Models; Proceedings of the Human Factors Society 33rd Annual Meeting; pgs 1228-1232.
AQ	F. Glenn, S. Schwartz and L. Ross; 1992; Development of a Human Operator Simulator Version (HOS-V): Design and Implementation; Research Note 92-PERI-POX; pgs 1-68.
AR	W. Gray and D. Davis-Boehm; (In Press) Milliseconds Matter: An Introduction To Their Use In Describing And Predicting Interactive Behavior; Journal of Experimental Psychology: Applied; 1-48.
AS	N. Cooke; 1992; Modeling Human Expertise in Expert Systems; pgs. 29-60; R. Schumacher and M.P. Czerwinski; 1992 Mental Models and the Acquisition of Expert Knowledge; pgs 61-79; S. E. Gordon; 1992; Implications of Cognitive Theory for Knowledge Acquisition; pgs 99-120; F.S. Bellezza; 1992; Mnemonics and Expert Knowledge: Mental Cuing; pgs. 204-217; In The Psychology of Expertise Cognitive Research and Empirical AI; Robert R. Hoffman (Ed).
AT	R. Jones, J. Laird, P. Neilson, K. Coulter, P. Kenny and F. Koss; 1999; Automated Intelligent Pilots for Combat Flight Simulation; A1 Magazine; pgs 27-41.
AU	D. Kieras and D. Meyer; 1995; An Overview of the EPIC Architecture for Cognition and Performance with Application to Human-Computer Interaction; EPIC Report No. 5 (TR-95/ONR-EPIC-5); pgs 1-31.
AV	G. Klein; 1989; Recognition-Primed Decisions; Advances in Man-Machine Systems Research, Vol. 5; pgs 47-92.
AW	N. Lane, M. Strieb, F. Glenn and R. Wherry; 1981; The Human Operator Simulator: An Overview; Manned Systems Design: Methods, Equipment, and Applications; pgs 121-151.
AX	R. Laughery and K. Corker; 1997; Computer Modeling and Simulation of Human/System Performance; Handbook of Human Factors and Ergonomics; pgs 1375-1408.

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AY	J. McGaugh; 2000; Memory-a Century of Consolidation; Science; pgs 248-251.	
AZ	S. Mulgrund, K. Harper and G. Zacharias; 2000; SAMPLE: Situation Awareness Model For Pilot-In-The-Loop Evaluation; parts 1-7.	
BA	A. Newell; 1990; Foundations of Cognitive Science and Symbolic Processing for Intelligence; Unified Theories of Cognition; pgs. 43-110 and pgs159-234.	
BB	M. J. O'Keefe; 1976; Evaluation of Human Encoding Performance with Varied Display Media; Master's Thesis. Monterey, CA: Naval Postgraduate School; pgs. 1-55.	
BC	R. Parasuraman, T. Bahri, J. Deaton, J. Morrison and Michael Barnes; 1990; Theory and Design of Adaptive Automation in Aviation Systems; Progress Report submitted to the Naval Air Development Center under Contract N62269-90-0022-5931 to the Catholic University of America; pgs. 1-44.	
BD	R. W. Pew and A. S. Mavor; 1998; Integrative Architectures for Modeling the Individual Combat; Modeling Human and Organizational Behavior; Application to Military Simulations; chapter 3, pgs. 51-111.	
BE	F. Ritter, N. Shadbolt, D. Elliman, R. Young, F. Gobet, and G. Baxter; 1999; Techniques for Modeling Human Performance in Synthetic Environments: A supplementary Review; Technical Report No. 62 Department of Psychology, University of Nottingham, U. K. ; pgs. 1-85.	
BF	W. Rouse; 1976; Adaptive Allocation of Decision Making Responsibility Between Supervisor and Computer; Monitoring Behavior and Supervisory Control; pgs 295-305.	
BG	J. Ryder, M. Weiland, M. Szczepkowski and W. Zachary; 1998; Cognitive Engineering of a New Telephone Operator Workstation using COGNET; International Journal of Industrial Ergonomics; pgs. 417-429.	
BH	O. Selridge; 1959; Pandemonium: A paradigm for learning; In Proceedings of the Symposium on the Mechanization of Thought Processes; pgs. 511-529.	
BI	R. Smith; 1980; A Framework for Distributed Problem Solving; UMI Research Press; Computer Science: Artificial Intelligence; pgs 1-72.	
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